Panasonic recommends Windows 8 Pro.

Panasonic

TOUGHPAD FZ-G1 ATEX

ATEX ⟨Ex⟩ ZONE 2 CERTIFIED FULLY RUGGED WINDOWS 8 TABLET

The fully rugged Toughpad FZ-G1 tablet sets the new benchmark for outdoor viewable tablets making it ideal for workforces in ATEX Zone 2 environments. For the first time, the oil and gas industry and other sectors sensitive to potential gas explosions have access to a fully rugged 10.1" Windows 8 tablet. With its capacitive, 10-finger multi-touch display and digitizer pen and flexible configurable ports this Windows 8 device can be used to view high definition documentation in ATEX environments whilst benefiting from connectivity options to ensure data is always available when needed.

- Intel® Core™ i5-3437U vPro Processor
- Windows 8 Pro
- Intel HD 4000 graphics
- Next generation IPSα outdoor display technology
- 10.1" high brightness WUXGA (1920x1200) display (up to 800cd/m2)
- Capacitive 10 finger multi-touchscreen + digitizer
- ATEX Zone 2 certified*
- 180cm shock resistant**
- Water and dust resistant (IP65)**
- Up to 8 hours battery life
- Flexible configuration port (LAN, micro SD or USB 2.0)
- Lightweight design - weights approx. 1,55kg

* ⟨Ex⟩ II 3 G Ex ic nA IIB T3 Gc (with mobile broadband)
⟨Ex⟩ II 3 G Ex ic nA IIC T3 Gc (without mobile broadband)

** Tested by an independent third party lab following MIL-STD-810G and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14.3

intel inside CORE i5 vPro

TOUGHPAD

www.toughbook.eu

Panasonic recommends Windows 8 Pro.

MOBILE BUSINESS EXCELLENCE

FOR FIELD PROFESSIONALS WHO FACE THE TOUGHEST CHALLENGES

The Toughpad FZ-G1 shares its DNA with the Toughbook family of products from Panasonic, combining ergonomic and durable design that has made Toughbook the best choice for field workforces. Panasonic has created the fully rugged, highly mobile and lightweight Toughpad FZ-G1 Windows 8 tablet to answer the needs of organisations that require Windows 8 functionality in a dependable tablet for their outdoor field working challenges. Never before has so much capability, flexibility and performance been packed into such a small form factor with premium outdoor viewing quality and lightweight, mobile tablet design.

Mobile Computing Platform	Intel® Core™ i5-3437U vPro™ processor	
	(1.9GHz, 3MB Intel® Smart Cache, Intel® 7 series Express chipset QM77)	
Operating System	Windows 8 Pro	
	Windows® 7 Professional Downgrade	
RAM	4GB DDR3L SDRAM (max. 8GB on board)	
Graphic Chip	Intel® HD Graphics 4000, UMA (max 1664MB)	
Camera	Front:	HD 720p video (still picture: 1.3mpixel)
	Rear:	3mpixel with autofocus and LED light optional
Storage	128 GB Solid State Drive (Serial ATA)	
LCD	10.1" sunlight-viewable WUXGA Active Matrix (TFT) IPSα colour LCD with circular polarizer (up to 800cd/m² brightness)	
Touchscreen	10 finger capacitive multi-touchscreen + digitizer	
Bluetooth®	Version 4.0 + EDR Class 1	
WLAN	Intel® Centrino® Advanced-N 6235 802.11 a/b/g/n compliant	
3G Mobile Broadband	Option (Gobi 3000, up to 14.4Mbps)	
LAN (optional)	1000BASE-T / 100BASE-TX / 10Base-T	
Sound	WAVE and MIDI playback, Intel® High Definition Audio subsystem support, Microphone arrays (built-in)	
Interface	USB 3.0:	x1
	USB 2.0:	x1 (optional, configuration port*)
	LAN Connector	RJ-45 (optional, configuration port*)
	HDMI:	x1
	Headset:	x1
	Port Replicator Connector:	24-pin
Expansion slots	Micro SD/SDXC Memory Card:	x1 (optional, configuration port*)
Power	AC Adapter	Input: 100V - 240V AC, 50Hz/60Hz, Output: 16V DC, 4.06A
	Battery	Li-Ion (10.8V, 4400mAh)
	Operating Time	8 hours, MobileMark™ 2007, 60cd/m²
Security Features	TPM (Trusted Platform Module, TCG V1.2 compliant), Integrated hardware security lock slot, Password security (supervisor password, user password, HDD lock)	
Physical Dimensions (W x D x H)	270 mm x 188 mm x 19 mm {10.6" x 7.4" x 0.75"}	
Weight	Approx. 1,55k g {Approx. 3.42 lbs}	
Options	GPS, rear camera	
Accessories	AC Adapter:	CF-AA6413CG
	Battery Pack (6 cell, needs existing ATEX battery plate):	FZ-VZSU84U
	Desktop Cradle (optional):	FZ-VEBG11U
	Digitizer Pen:	FZ-VNPG11U
Testing Standards	Water resistance test:	IP-X5**
	Dust resistance test:	IP-6X**
	Gravity drop resistance test:	180cm**
ATEX Certification	With mobile Broadband:	Ⓔx II 3 G Ex ic nA IIB T3 Gc
	Without mobile Broadband:	Ⓔx II 3 G Ex ic nA IIC T3 Gc

*One option exlusive possible in configuration port

** Tested by an independent third party lab following MIL-STD-810G and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14.3

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